

**SYSTEM FOR CONTROLLING THE HYDRAULIC ACTUATED
COMPONENTS OF A TRUCK**

ABSTRACT OF THE DISCLOSURE

5 A system for controlling the hydraulically actuated components, including
snow-ice control components carried by a truck. The system employs a hermetically
secure composite housing mounted externally of the truck cab on the truck frame
which retains a unique hydraulic reservoir in combination with a manifold supporting a
plurality of solenoid actuated hydraulic valves and an associated electronic drive
circuitry including a slave controller having a bidirectional data transmission port. That
port communicates through a single bidirectional transmission bus with a master
controller retained within an operator interface control console mounted in the truck
10 cab. That control console also will contain a slave interface controller, as well as a
slave datalog and communications controller.